



**VETERINARY  
EQUIPMENT SET  
SERVICE FIELD**

**Support and Consumables  
Handbook**

**6545-01-508-6972**

**UA 4901**

**LIN M30340**

**REVISED**

**April 2007**

**U.S. Army Medical Materiel Agency**



The information contained in this manual was prepared  
by the U.S. Army Medical Materiel Agency,  
Materiel Acquisition Directorate,  
Ancillary Care Division,  
Fort Detrick, MD

**This manual is still in draft form and may contain inaccuracies. To report inaccuracies or additions, please contact 301-619-4301/4316, DSN 343-4301/4316, or at [USAMMACRM@amedd.army.mil](mailto:USAMMACRM@amedd.army.mil) Responses may also be mailed to:**

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## **ANESTHESIA MACHINE PORTABLE COMPACT TOC**

**OCEANIC MEDICAL PRODUCTS INC**

**MODEL #: 2200**

**Manufacturer's PHONE: (913) 874-2000 FAX: (913) 874-2005**

**Website: <http://www.oceanicmedical.com>**

**AAC "J" ITEM NSN 6515-01-503-5331**

**UA's: 4901**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403**

**UNIT PRICE: \$22,805.00**

**System Description:** The Magellan-2200 Anesthesia Machine is compact, robust and flexible, easy to move and was designed for military field hospitals, general civilian hospitals, office-based anesthesia and surgery centers of every description. It is pneumatically powered and contains an electronic ventilation monitor that is A/C or battery powered. The Magellan-2200 may be mounted on a tabletop or on a mobile cart. The unit is designed as a simple to operate unit containing all of the modes and necessary components to deliver a basic anesthetic, including a mechanical ventilator and a single agent vaporizer. All of the safety systems required are employed onboard and easy to utilize.

**Tests performed:** All Anesthesia cases with a single agent vaporizer.



**Magellan 2200 Portable Anesthesia Machine  
NSN 6515-01-533-0968  
PART# OMP-2200M1**



**Anesthesia Hardened Case  
(ARMY Case is Gray)  
NSN 6515-01-533-1279  
PART# O-A104**



**Anesthesia Unit with Hardened Case**



**Lid of Anesthesia Case with Components**



**Nomenclature of Components for the Lid  
of Anesthesia**



**Air Compressor Case  
NSN 4310-01-532-9887  
PART# O-A102**



**Air Compressor  
NSN 4310-01-532-9886  
PART# O-A101**

## **MAGELLAN PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS**

<b>Dimensions</b>	<b>Height</b>	<b>23 inches</b>	<b>12.5"</b>
	<b>Width</b>	<b>17 inches</b>	<b>7.25"</b>
	<b>Depth</b>	<b>23 inches</b>	<b>16"</b>
	<b>Cube</b>	<b>5.20 cu ft</b>	
<b>Weight Anesthesia system</b>	<b>Free Standing</b>	<b>55 lbs case only</b>	<b>100 lbs Machine with accessories</b>
<b>Weight Air Compressor/w case</b>	<b>Free Standing</b>	<b>36 lbs</b>	
<b>Operating Temperature Range</b>		<b>35° F to +160° F</b>	
<b>Relative Humidity (in use)</b>		<b>30 to 90%, non condensing</b>	
<b>Relative Humidity (storage)</b>		<b>40 to 90%, non condensing</b>	
<b>Air Compressor Power Requirements</b>		<b>120 volts, 60 Hz, 5 amps</b>	
<b>Watts</b>		<b>600 watts</b>	

## MAGELLAN ANESTHESIA SYSTEM CONSUMABLE AND ACCESSORIES (START-UP)

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refr ig Y/N	CONUS Ship Time, weeks
6515015333323	Included W/NSN	Annual Maintenance kit	O-A108	1	EA	\$600	\$600	Oceanic Medical	Indef	N/A	2
6515015331279	Included W/NSN	Anesthesia Apparatus Case	O-A104	1	EA	\$2000	\$2000	Oceanic Medical	Indef	N/A	2
6515015331216	Included W/NSN	Reusable Bundle	O-A109	1	EA	\$1200	\$1200	Oceanic Medical	Indef	N/A	2
6505014437083	IN THE UA Order Prior to Deployment	SEVOFLURANE LIQUID USP 100ML 6s	NDC0007 4-4456-04	3	PG	\$319.05	\$957.15	Oceanic Medical	24 months	N/A	2
6505015331104	IN THE UA Does not come with the Equip	Sevoflurane Vaporizer	O-25.1/S	1	EA	\$2,200.00	\$2,200.00	Oceanic Medical	Indef	N/A	2
6530015331169	Included W/NSN	Isoflurane Vaporizer	O-25.1/1	1	EA	\$2,200.00	\$2,200.00	Oceanic Medical	Indef	N/A	2
7610015375157	Included W/NSN	CD, Operator/ Service Manual	25	1	EA	\$75	\$75	Oceanic Medical	Indef	N/A	2
6515015331177	Included W/NSN	Oxygen Analyzer	O-A105	1	EA	\$610	\$610	Oceanic Medical	Indef	N/A	2
6515015331174	Included W/NSN	Replacement Sensor for O <sup>2</sup> Analyzer	O-105A	1	EA	\$150	\$150	Oceanic Medical	Indef	N/A	2
6530015331102	Included W/NSN	Water Trap	O-A103	1	EA	\$100	\$100	Oceanic Medical	Indef	N/A	2
6515015330980	Included W/NSN	PEEP Valve	O-A110	1	EA	\$120	\$120	Oceanic Medical	Indef	N/A	2
See Resupply	Included W/NSN	9 Volt Battery		1	EA				Indef	N/A	2
See Resupply	Included W/NSN	Battery AA 1.5 volts		1	EA				Indef	N/A	2
4310015329886	Included W/NSN	Air Compressor	O-A101	1	EA	\$1800	\$1800	Oceanic Medical	Indef	N/A	2
4310015329887	Included W/NSN	Compressor Case	O-A102	1	EA	\$500	\$500	Oceanic Medical	Indef	N/A	2
4310015329881	Included W/NSN	Air Compressor with Transport Case	O-A100	1	EA	\$2275	\$2275	Oceanic Medical	Indef	N/A	2
6505001415000	IN THE UA	SOD BICARB USP 1LB	NDC0039 5-2685-01	1	CO	\$2.88	\$2.88	Cardinal Health	Indef	N/A	2
6505013628311	IN THE UA	Soda Lime NF 2.5 lbs Cartridge, 12s	Sodasorb pre pak	6	PG	\$59.12	\$59.12	Grace WR and Co.	24 mo	N/A	2

## MAGELLAN ANESTHESIA SYSTEM CONSUMABLE (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6505014437083	IN THE UA ONLY SEVOFLURANE LIQUID USP 100ML 6s	NDC0007 4-4456-04	2	PG	\$319.05	\$319.05	Oceanic Medical	24 mo	N/A	2
6515015331174	Replacement Sensor for O <sub>2</sub> Analyzer	O-105A	1	EA	\$150	\$150	Oceanic Medical	Indef	N/A	2
6530015331102	Water Trap	O-A103	1	EA	\$100	\$100	Oceanic Medical	Indef	N/A	2
6135009002139	9 Volt Battery	MN1604	1	PG	\$10.70	\$10.70	Duracell Inc.	Indef	N/A	2
6135009857845	Battery AA 1.5 volts	C18.1	1	PG	\$4.78	\$4.78	American National Std	Indef	N/A	2
6505001415000	SOD BICARB USP 1LB	NDC0039 5-2685-01	1	CO	\$2.88	\$2.88	Cardinal Health	Indef	N/A	2
6505013628311	Soda Lime NF 2.5 lbs Cartridge, 12s	Sodasorb pre pak	6	PG	\$59.12	\$59.12	Grace WR and Co.	24 mo	N/A	2
6515015331216	Reusable Bundle	O-A109	1	EA	\$1200	\$1200	Oceanic Medical	Indef	N/A	2

### The Reusable Product Bundle Contains:

Mask-Size 0	12" Silicone Respiration Tubing/ 16mm, Quantity 1
Mask-Size 1, Quantity 1	KAB Absorber (without APL Valve), Quantity 1
Mask-Size 2, Quantity 1	Head Strap-Latex Free, Quantity 1
Silicone Face Mask-Size 3, Quantity 1	12" Reusable Tubing, Quantity 3
Silicone Face Mask-Size 4, Quantity 1	30mm x 19mm Connector, Quantity 1
Silicone Face Mask-Size 5, Quantity 1	3.0L Silicone Breathing Bag, Quantity 2
Mask Hook Rings, Quantity 2	Right Angle Elbow (w/female luer lock), Quantity 1
72" Silicone Respiration Tubing/16mm, Quantity 2	Ported Y-Connector, Quantity 1
1.0L Silicone Breathing Bag, Quantity 1	22mm T-Connector, Quantity 1

### Special Note:

The SG's consultant for Nurse Anesthetists, has stated that he envisions One Reusable Bundle to accompany each anesthesia machine, and that for deployment, the logistician should assume that one of the disposable kits will be used with each surgery patient. Therefore, the logistician should plan for around 10 surgical procedures per machine per day.



**CONCENTRATOR OXYGEN 1-5 LPM TOC**

**AIRSEP NEWLIFE ELITE**

**MODEL # ELITE AS5002**

**Manufacturers' PHONE: (716) 691-0202 FAX: (716) 691-0174**

**Website: <http://www.portablenebs.com/concentrator.htm>**

**AAC "W" ITEM NSN 6515-01-383-1052**

**AAC "J" ITEM NSN 6515-01-434-4629**

**UA's: 3267,4901, 4905, 9303**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403**

**UNIT PRICE: \$926.08**

**System Description:** Produces from 1 to 3 liters per minute of therapeutic oxygen, purity levels of up to 92%, 4 LPM AT 89 %, and 5 LPM AT 82 %. This system has built-in alarms for power failure and high/low pressure. Includes filters to remove dust, bacteria and other particulates, provides for the attachment of an in-line humidifier to humidify. The gas mixture delivered to the patient for use in producing oxygen rich gas mixture by drawing in room air and extracting the oxygen. Large, easy-to-read flow meter with back-lines for accurate flow settings. Built-in handles make it easy to move or lift. Large casters glide easily over virtually any flooring surface.



## AIRSEP OXYGEN CONCENTRATOR CHARACTERISTICS

<b>Dimensions</b>	<b>Height, in.</b>	<b>27.5</b>
	<b>Width, in.</b>	<b>16.7</b>
	<b>Depth, in.</b>	<b>14.5</b>
<b>Weight, lbs.</b>	<b>54</b>	
<b>Cube</b>	<b>3.85 cu ft</b>	
<b>Operating Temperature Range</b>	<b>40° to 105 ° F</b>	
<b>Relative Humidity (storage)</b>	<b>4° to 140° F</b>	
<b>Relative Humidity (in use)</b>	<b>0 to 95%</b>	
<b>Alarms</b>	<b>Power failure High and low pressure Temperature Battery test Low purity (Oxygen monitor with optional EcoCheck)</b>	
<b>Performance:</b>		
	<b>92% at 1-3 LPM</b>	
	<b>89% at 1-4 LPM</b>	
	<b>82% at 1-5 LPM</b>	
<b>Power Consumption</b>	<b>480 Watts</b>	
<b>Power Requirements</b>	<b>120 VAC, 60 Hz, 4 amps</b>	

## AIRSEP OXYGEN CONCENTRATOR CONSUMABLES(START-UP)

NSN	Notes	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
6515011535584	Included W/NSN	Mask, oro-nasal, child	1042	1	50 PG	\$100.23	\$100.23	Medline Industries	Indef	N	2
6515013656206	Included W/NSN	Mask, oro-nasal, pediatric	1011	1	50 PG	\$109.72	\$109.72	Elite Medical Products	Indef	N	2
6515011405343	Included W/NSN	Mask, rebreathing, adult	1009	1	50 PG	\$93.25	\$93.25	Metropolitan Medical	Indef	N	2
6515014580522	Included W/NSN	Nasal Cannula, Oxygen, 84inch non-flared	1103	1	50 PG	\$28.50	\$28.50	Hudson Oxygen Therapy Sales	Indef	N	2
6515014724663	Included W/NSN	Filter Bacteria	F1001-1	1	EA	\$4.20	\$4.20	Airsep Corp	Indef	N	2
7610015379355	Included W/NSN	Operating/Service Manual	MN105-1			\$11.00	\$11.00	Airsep Corp	Indef	N	2

## AIRSEP OXYGEN CONCENTRATOR CONSUMABLES(RESUPPLY)

NSN	Nomenclature	PN	Q T Y	UI	Unit Price	Total Price	MFG	Shelf Life, month s	Refrig Y/N	CONUS Ship Time, weeks
6515011535584	Mask, oro-nasal, child	1042	1	50 PG	\$100.23	\$100.23	Medline Industries	Indef	N	2
6515013656206	Mask, oro-nasal, pediatric	1011	1	50 PG	\$109.72	\$109.72	Elite Medical Products	Indef	N	2
6515011405343	Mask, rebreathing, adult	1009	1	50 PG	\$93.25	\$93.25	Metropolitan Medical	Indef	N	2
6515014580522	Nasal Cannula, Oxygen, 84inch non-flared	1103	1	50 PG	\$28.50	\$28.50	Hudson Oxygen Therapy Sales	Indef	N	2
6515014724663	Filter Bacteria	F1001-1	1	EA	\$4.20	\$4.20	Airsep Corp	Indef	N	2



## **LIGHT HEAD GENERAL PURPOSE HEADBAND [TOC](#)**

**WELCH ALLYN INCORPORATED**

**MODEL # 49020**

**Manufacturer's Phone: (315) 685-4560 FAX: (315) 683-3361**

**Website: <http://www.welchallyn.com>**

**AAC "J" ITEM NSN 6230-01-520-3474**

**UA's: 3267, 4901, 4905, 5267, N320, N301, N308, N309, N314, 4714, F301, F308, F309**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403**

**UNIT PRICE: \$447.53**

### **Special Features :**

- Weighting less than four ounces, it's one of the most comfortable lightweight headlamps available
- With a color temperature of 5500 Kelvin, this light supplies bright, white, shadow-free light allowing the end user to see tissue characteristics without distortion
- It's operating life expectancy is 10,000
- Enjoy the flexibility of operating the headlight using the direct power source or the rechargeable "belt-clip: portable power source.

### **Clinical Benefits**

- Long operating life (10,000 hours of continuous burn)
- More energy efficient than incandescent and halogen lamps
- Cool beam is safe to touch
- Instant light (less than 100ns)
- Virtually maintenance-free operation
- No UV rays

**Suggested Applications** The Solid State Procedure Headlight provides ideal illumination for procedures such as minor surgery, general examinations, foreign body removal, OB/GYN applications and procedures, dermatology examinations or any procedure that requires a small, homogenous and well-defined spot.

# WELCH ALLYN. SURGICAL HEADLIGHT



## Technical Specifications

**Spot Size Range:** 1.5 to 6 inches at the working distance **Light Source:** Five-watt Solid State lamp, color temperature 5500 Kelvin, TBD Lumens, life 10,000 hours continuous burn

**Working Distance:** 16 inches

**Battery Run-Time:** One hour continuous run-time on a fully charged battery

**Battery Life:** Approximately 2.5 years (depending on usage)

**Warranty:** One-year limited warranty

## CONSUMABLES ACCESSORIES (STARTUP)

NSN	NOTES	Nomenclature	PN	QT Y	UI	Unit Price	Total Price	MFG	CONUS Ship Time, weeks
6530015225307	Included W/NSN	Carrying Case	49099	1	EA	\$193.98	\$193.98	WELCH ALLYN	2
6230015221304	Included W/NSN	Charger Only for Portable Power Source	74180	1	EA	\$37.11	\$37.11	WELCH ALLYN	2
6230015221307	Included W/NSN	Portable Power Source Only	75200	1	EA	\$154.78.	\$154.78	WELCH ALLYN	2
6230015221337	Included W/NSN	Direct Power Supply	75270	1	EA	\$50.75	\$50.75	WELCH ALLYN	2



**CARRYING CASE, PART# 49099  
6530015225307**



**PORTABLE POWER SOURCE ONLY,  
PART # 75200  
6230015221307**



**DIRECT PLUG IN TRANSFORMER UNIT,  
PART # 75270  
6230015221337**



**CHARGER, PART # 74180  
6230015221304**

## LIGHT SURGICAL STAND COLOR CORRECT SHADOW TOC

FEDMEDICAL INC  
MODEL # FMI-301FB

Manufacturer's PHONE: (843) 554-7004 FAX: (843) 832-4343

Website: <http://www.fedmedical.com>

AAC "J" ITEM NSN 6530-01-518-9854

UA's: 2267, 4901, 4905, N308, N309

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403  
UNIT PRICE: \$6,187.16

**System Description:** Color-correct, shadow-free, illumination, full-sized surgical light, floor mounted, swivel light, 12V halogen bulb, 50 watt, lamp housing diameter, 11.4 inch, 6 hour back-up battery and case, for field or theater of operation use, ultra-light suspension. The base of this light is made of 14 gauge, powder coated steel and can hold 250 lbs. The lamp suspension allows fingertip control and secure, drift-free positioning.

### Special Features:

Internal "smart" circuit automatically adjusts for 110-220VAC or 24VDC 62 amp hr  
50,000 lux of color-correct brilliance at (1-m)

More accurate tissue differentiation and diagnosis—with 4,500 K color temperature for truer colors

27" depth of field and 5.5" field diameter

Optimized shadow reduction

Sealed light head keeps contaminants out

Quick, tool-free bulb exchange

Extremely low heat emission

Drift-free suspension



## CHARACTERISTICS

Dimensions Case	Height	20"	Maximum from lens to floor 78" (198 cm)
	Width.	28"	
	Depth	34"	
Weight		120 lbs	
Cube Ft		11.01	
Operating Temperature		35°F to 130°F	
Operating Humidity		90 RH	
Storage Temperature		32°F to 150°F	
Storage Humidity		99 RH	
Power Requirements		110-220 VAC	24 VDC
Amps		55 amps	2 amps
Watts		230 watts	



**BASE OF SYSTEM**



**HARDENED CASE**

## LIGHT SURGICAL FIELD UNIT ACCESSORIES (START-UP)

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6530015275566	Included W\NSN	Reusable,sterilizable light handle cover	41-2001	1	EA	\$89.25	\$89.25	Fedmedical inc.	N	N	2
6530015275501	Included W\NSN	Disposable light handle cover	41-2002	1	BX\25s	\$85.45	\$85.45	Fedmedical inc.	N	N	2
6530015275497	Included W\NSN	Bulb, 12 volt, 50 watt, Halogen	41-2010	1	EA	\$87.35	\$87.35	Fedmedical inc.	N	N	2
6530015275487	Included W\NSN	15 ft DC cord w/connector	41-2020	1	EA	\$60.75	\$60.75	Fedmedical inc.	N	N	2
6530015275490	Included W\NSN	Hardened case with foam	41-2100	1	EA	\$844.65	\$844.65	Fedmedical inc.	N	N	2
6130015263300	Included W\NSN	12 VOLT Battery, 55 amp hour	41-1002	1	EA	\$100.00	\$100.00	Fedmedical inc.	N	N	2

## LIGHT SURGICAL FIELD UNIT ACCESSORIES (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6530015275566	Reusable,sterilizable light handle cover	41-2001	1	EA	\$89.25	\$89.25	Fedmedical inc.	N	N	2
6530015275501	Disposable light handle cover	41-2002	1	BX\25s	\$85.45	\$85.45	Fedmedical inc.	N	N	2
6530015275497	Bulb, 12 volt, 50 watt, Halogen	41-2010	1	EA	\$87.35	\$87.35	Fedmedical inc.	N	N	2
6530015275487	15 ft DC cord w/connector	41-2020	1	EA	\$60.75	\$60.75	Fedmedical inc.	N	N	2
6130015263300	12 VOLT Battery, 55 amp hour	41-1002	1	EA	\$100.00	\$100.00	Fedmedical inc.	N	N	2



## **OTOSCOPE & OPHTHALMOSCOPE SET TOC**

**WELCH ALLYN**

**MODEL 92821**

**Manufacturer's PHONE: (503) 530-7500 FAX: (503) 526-4919**

**Website: <http://www.welchallyn.com>**

**AAC "J" ITEM NSN 6515-01-333-3165**

**UA's: 2256, 2264, 2265, 3264, 9103, 9110, 9111, M308, M309, 4901**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403**

**UNIT PRICE: \$230.58**

### **Features:**

- 2.5V Pocket Scope Ophthalmoscope uses halogen bulbs for true tissue color and consistent, long lasting illumination. It has 6 aperture selections for general and specialist use, and 48 lenses for better resolution.
- 2.5V Otoscope also has built-in throat illuminator – two-in-one instrument features halogen illumination and fiberoptics for a cool light with no reflections or obstructions, plus a rectangular viewing lens for instrumentation under magnification.
- 2.5V Pocket Scope handle has a smooth rheostat to control light intensity and features a handy pocket clip.



## ACCESSORIES PACKAGE (START-UP)

NSN	NOTES	Nomenclature	QTY	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
6515015205740	INCLUDED WITH NSN	BULB REPLACEMENT EXAM INSTRUMENT F/HALOGEN OTOSCOPE 2.5V	1	EA	03400-U	\$12.60	\$12.60	WELCH/ALLYN	indef	N	2
6515015205754	INCLUDED WITH NSN	BULB REPLACEMENT EXAM INSTRUMENT F/OPHTHALMOSCOPE	1	EA	03900-U	\$13.21	\$13.21	WELCH/ALLYN	indef	N	2
6515015205763	INCLUDED WITH NSN	HEAD OPHTHALMOSCOPE POCKET 2.5V HALOGEN BULB RED FREE FILTER MICRO/SM	1	EA	13000	\$88.27	\$88.27	WELCH/ALLYN	indef	N	2
6515015205725	INCLUDED WITH NSN	HEAD OTOSCOPE DIAGNOSTIC HALOGEN HPX 2.5V 9.8 DIOPTER 4IN FOCAL LENGTH	1	EA	21111	\$59.79	\$59.79	WELCH/ALLYN	indef	N	2
6515015205778	INCLUDED WITH NSN	2.5 VOLT HANDLE (ACCEPTS TWO AA BATTERIES)	1	EA	72830	\$81.13	\$81.13	WELCH/ALLYN	indef	N	2
6545015190982	INCLUDED WITH NSN	CASE SOFT ZIPPER F/POCKETSOCPE	1	EA	05928-U	\$12.00	\$12.00	WELCH/ALLYN	indef	N	2

## CONSUMABLES/ OPTIONAL (RESUPPLY)

NSN	Notes	Nomenclature	QTY	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
6135009857845		BATTERY NONRECHARGEABLE ALKALINE 1.5V 1 YEAR SHELF LIFE 24S, AA CELL	1	PG	20-0571-1988 NEDA 15A	\$4.78	\$4.78	AMERICAN NATIONAL STANDARDS INST	indef	N	2
6515015250236		DISPOSABLE SPECULA 4.25MM, 800 COUNT/BAG	1	PG	31237-010A	\$29.04	\$29.04	CARDINAL HEALTH	indef	N	2
6515015250240		DISPOSABLE SPECULA 2.75MM, 800 COUNT/BAG	1	BX	31237-020A	\$29.04	\$29.04	CARDINAL HEALTH	indef	N	2
6515013294847	IN THE UA	SPECULUM OTOSCOPE SLIT TYPE 4MM SIZE ADULT PLAS 1000S	1	PG	52434	\$19.25	\$19.25	WELCH/ALLYN	Indef	N	2
6515015205740		BULB REPLACEMENT EXAM INSTRUMENT F/HALOGEN OTOSCOPE 2.5V	1	EA	03400-U	\$12.60	\$12.60	WELCH/ALLYN	indef	N	2
6515015205754		BULB REPLACEMENT EXAM INSTRUMENT F/OPHTHALMOSCOPE	1	EA	03900-U	\$13.21	\$13.21	WELCH/ALLYN	indef	N	2

## ACCESSORIES PACKAGE RESUPPLY

NSN	Nomenclature	QTY	UI	PART #	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015205740	BULB REPLACEMENT EXAM INSTRUMENT F/HALOGEN OTOSCOPE 2.5V	1	EA	03400-U	\$12.60	\$12.60	WELCH/ALLYN	indef	N	2
6515015205754	BULB REPLACEMENT EXAM INSTRUMENT F/OPHTHALMOSCOPE	1	EA	03900-U	\$13.21	\$13.21	WELCH/ALLYN	indef	N	2
6515015205763	HEAD OPHTHALMOSCOPE POCKET 2.5V HALOGEN BULB RED FREE FILTER MICRO/SM	1	EA	13000	\$88.27	\$88.27	WELCH/ALLYN	indef	N	2
6515015205725	HEAD OTOSCOPE DIAGNOSTIC HALOGEN HPX 2.5V 9.8 DIOPTER 4IN FOCAL LENGTH	1	EA	21111	\$59.79	\$59.79	WELCH/ALLYN	indef	N	2
6515015205778	2.5 VOLT HANDLE (ACCEPTS TWO AA BATTERIES)	1	EA	72830	\$81.13	\$81.13	WELCH/ALLYN	indef	N	2



## REFRIGERATOR BLOOD COOLING& STORAGE FIELD ENVIRONMENT

### TOC

DOUBLEDAY ACQUISITIONS LLC

ACUTEMP

MODEL # HMC-MIL-1

Manufacturer's PHONE: (937) 312-0114 FAX: (937) 312-1277

Website: [http://www.estglobal.com/hemacool\\_military.html](http://www.estglobal.com/hemacool_military.html)

AAC "W" ITEM NSN 4110-01-497-9564

AAC "J" ITEM NSN 4110-01-506-0895

UA's: 213A, 3263, 3267, 901A, 504A, N302, N504, N703, N503, N304, N303, N704, F303, F306

USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403

UNIT PRICE: \$5,560.00

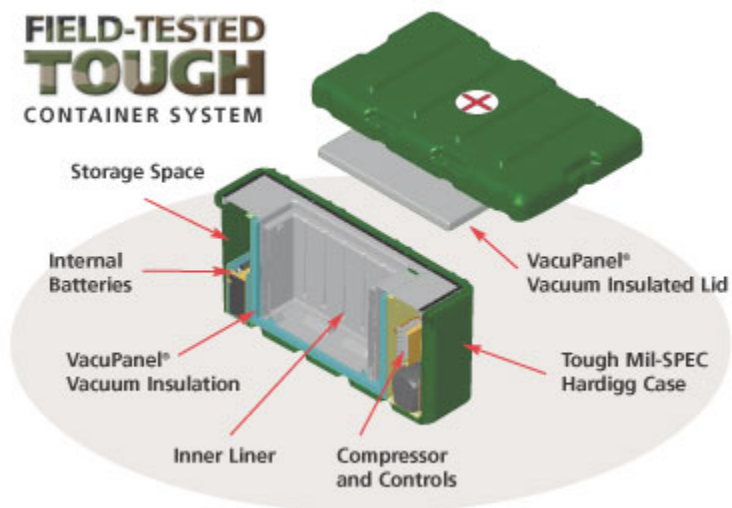
**Description:** The HemaCool™ employs new technology to protect critical blood supplies under field conditions. It is ergonomically designed for operations in adverse environments, incorporating features and controls to precisely maintain the required temperature for blood storage.

#### **Features:**

- Precise temperature control under adverse conditions
- Easily transportable
- Can run on a variety of power sources including AC, DC, onboard batteries, and solar array
- Rugged design for demanding applications
- Available with Sled Rails, Wheels, or Skis

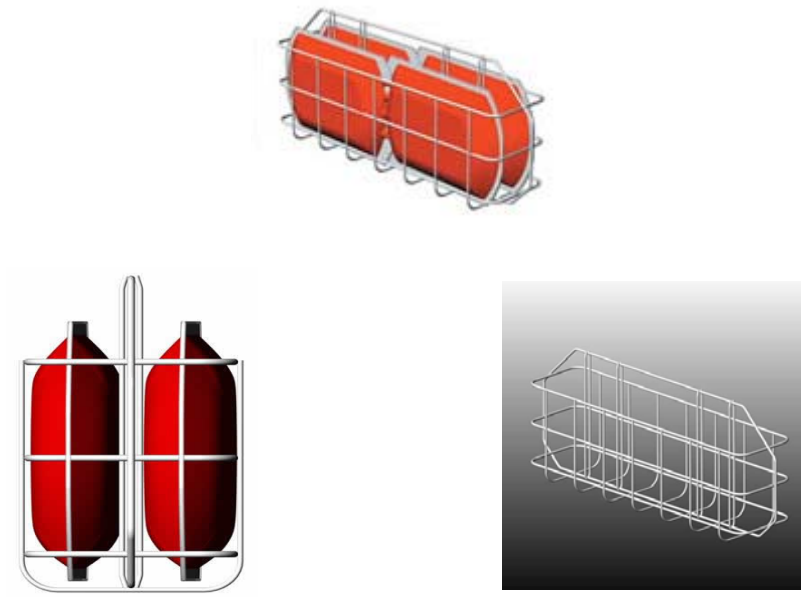
## HEMACOOL REFRIGERATION SYSTEM





## HEMACOOL REFRIGERATION SYSTEM PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

<b>Dimensions</b>	<b>Height</b>	<b>21.8 inches</b>
	<b>Width</b>	<b>21 inches</b>
	<b>Length</b>	<b>37.5 inches</b>
<b>Payload Dimensions</b>	<b>Height</b>	<b>13 inches</b>
<b>Payload Volume</b>	<b>Width</b>	<b>14 inches</b>
	<b>Length</b>	<b>18 inches</b>
<b>Payload Volume</b>		<b>2 cu ft (56.6 liters)</b>
<b>Empty Weight,</b>		<b>145 lbs</b>
<b>Cube</b>		<b>9.5 cu ft</b>
<b>Storage Only</b>		<b>40 x 450 ml or 60 x 250 ml units</b>
<b>Operating Temperature</b>		<b>-4°F min., 120°F max. (-20°C to 49°C)</b>
<b>Storage Temperature</b>		<b>-22°F min., 149°F max. (-30°C to 65°C)</b>
<b>Temperature Limits</b>		<b>-4°F min., 120°F max. (-20°C to 49°C)</b>
<b>Battery Set (2 Each)</b>		<b>12/24 VDC Internal 40 amp-hour Battery Set</b>
<b>Power Requirements</b>		<b>100/240 Volts AC, 46/63 Hz</b>
<b>amps</b>		<b>.55 amps</b>
<b>Watts</b>		<b>55 watts</b>



**HEMACOOL, BLOOD BAG BASKET  
PART # 100000**



**HEMACOOL  
SHOWN WITH PLASMA  
Part # HMC-MIL-1**



**HEMACOOL  
CONTROL  
PANEL**



**HEMACOOL  
SHOWN WITH VACCINE  
Part # HMC-MIL-1**

## HEMACOOL REFRIGERATION SYSTEM ACCESSORIES AND CONSUMABLES (START-UP)

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
6515015130792	INCLUDED W/NSN	Blood Basket	100,000	5	EA	\$16.44	\$82.20	ACUTEMP	N/A	N	2
4110015188542	INCLUDED W/NSN	AC Power Cord	VXC-1-06	1	EA	\$16.00	\$16.00	ACUTEMP	N/A	N	2
6150015121007	INCLUDED W/NSN	DC Power Cord	100003	1	EA	\$87.00	\$87.00	ACUTEMP	N/A	N	2
4110015188252	INCLUDED W/NSN	Battery	101880	2	SE	\$60.00	\$120.00	ACUTEMP	N/A	N	2

## HEMACOOL REFRIGERATION SYSTEM CONSUMABLE (RESUPPLY)

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONU S Ship Time, weeks
4110015188252	Battery	101880	2	SE	\$60.00	\$120.00	ACUTEMP	N/A	N	2

**COMPANY IS OUT OF BUSINESS  
ITEMS ARE STILL IN STOCK**

**SINK UNIT SURGICAL SCRUB TOC**

**RAN-PAIGE CO INC  
MODEL 0200-96-C-8509**

**AAC "W" ITEM NSN 6530-01-431-9005  
AAC "J" ITEM NSN 6530-01-429-6715**

**UA's: M301, M308, M309, 4901**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403  
UNIT PRICE: \$946.74**

**Special Features:** Portable and light weight. Consists of a hollow tubular frame support, a plastic polypropylene basin, a pump and a heater, a foot pedal and associated tubing and electrical components. Electrical and water are activated by the foot pedal. The water heater is an encapsulated inline type 1200 to 1300 Watts. The maximum water temperature is 125 degrees. This includes a reusable container.



**CHARACTERISTICS**

<b>Dimensions</b>	<b>Height</b>	<b>N/A</b>
	<b>Width</b>	<b>N/A</b>
	<b>Depth</b>	<b>N/A</b>
<b>Weight</b>	<b>59 lbs</b>	
<b>Cubic ft</b>	<b>6.16</b>	
<b>Power Requirements</b>	<b>115/230 VAC, 50/60 Hz 1300 Watts</b>	



**STERILIZER SURGICAL INSTRUMENT STEAM TOC**

**THIS SYSTEM IS PURCHASED FROM  
GOVERNMENT SCIENTIFIC SYSTEMS INC.  
Supplier's Phone: (703) 734-1805 FAX (703) 734-1803**

**MANUFACTURED BY TUTTNAUER USA CO.  
MODEL # 2540M  
Manufacturer's Phone: (631) 737-4850 FAX: (631) 737-0720  
Website: <http://www.govsci.com>  
<http://www.tuttnauer.com>**

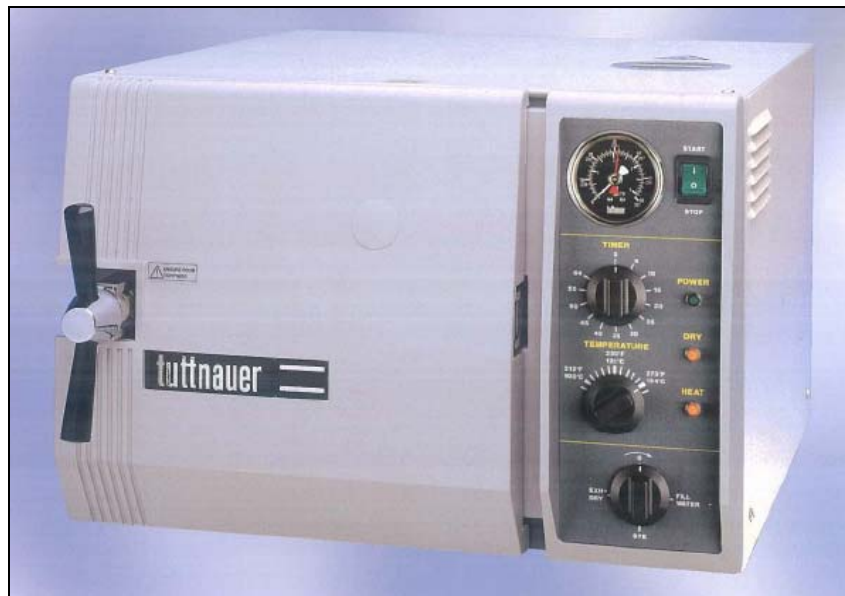
**AAC "J" ITEM NSN 6530-01-531-4807**

**UA's: M302, M403, 4901, 4905, 4912**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403  
UNIT PRICE: \$3,611.54**

**Systems Description:** Tuttnauer manual autoclaves set the standard for steam Sterilization. The Tuttnauer manual autoclave is designed to compliment any healthcare and laboratory facility. Our basic manual autoclave will satisfy all of your sterilization needs. Time tested reliability and durability are built into every Tuttnauer product. The Tuttnauer M Series is also available in a quick cycle model. This sterilizer offers all the proven, dependable features of our manual autoclave, with the added benefit of reducing the total sterilization cycle time by 50%. Speed and reliability are accomplished without sacrificing load size. This is the perfect choice for quick instrument turn-around or a high-volume office.

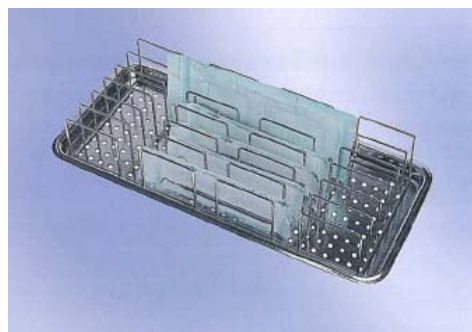
**Special Features:** A fast Cycle Time .9 minutes from a hot start \*(Standard Unwrapped Cycle time). Automatic shut off at the end of both the sterilization and dry cycles. A long life electro polished chamber and door. It has a double safety locking device that prevents the door from opening while chamber is pressurized. The drain valve is located on the front, allowing for a quick and easy draining of water reservoir. It has a dual safety thermostat to protect against overheating. This sterilizer is a table top steam autoclave; sterilization cycle and separate drying cycle feature automatic shut off. The size of the chamber is 10 inches by 18 inches deep



**Hardened Case for the  
Tuttnauer Sterilizer**



**Sterilizer shown in Hardened Case**



**Instrument Pouch Rack**

## Characteristics

<b>Overall Dimensions</b>		
	<b>Height</b>	<b>14"</b>
	<b>Width</b>	<b>20"</b>
	<b>Depth</b>	<b>20"</b>
<b>Operating temp</b>	<b>59° to 95 ° F</b>	
<b>Storage temp</b>	<b>59° to 95° F</b>	
<b>Relative humidity</b>	<b>0 to 85%</b>	
<b>Chamber Dimensions</b>		<b>10" diameter x18" deep"</b>
<b>Weight</b>	<b>50 lbs</b>	
<b>Cube</b>	<b>19.55 cu ft</b>	
<b>Power Supply</b>	<b>120 voltage nominal 12 amp VAC 50/60 Hz</b>	
<b>Watts</b>	<b>1400 W</b>	

## STERILIZER SURGICAL DRESSING CONSUMABLES (START-UP)

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6530015408014	Included W/NSN	Pouch Rack	AR910	1	EA	\$43.79	\$43.79	GSS INC	Indef	N/A	2
6530015408023	Included W/NSN	Tray	CT620010	4	EA	\$65.55	\$65.55	GSS INC	Indef	N/A	2
6530015392908	Included W/NSN	Case, Hardened	HDD041805200	1	EA	\$851.65	\$851.65	GSS INC	Indef	N/A	2
7610015408195	Included W/NSN	Manual, Operato/Service	EMHC01.	1	EA	\$1.00	\$1.00	GSS INC	Indef	N/A	2



## ULTRASOUND, PORTABLE 180 SONOSITE SYSTEM TOC

**SONOSITE, INC**

**MODEL 180Plus**

**Manufacturer's PHONE: (425) 951-1243 FAX (801) 751-1135**

**Website: <http://www.sonosite.com/content/view/37/185/>**

**AAC "W" ITEM NSN 6525-01-507-0073**

**AAC "J" ITEM NSN 6525-01-503-7182**

**UA's: 2267, 4901, 4905, 5267**

**USAMMA POC: Materiel Acquisition Directorate, 301-619-7403, DSN 343-7403**

**PRICE: 36,462.98**

**System Description:** Lightweight portable diagnostic ultrasound device used to assist in the detection of Rapid triage and assessment of trauma (FAST), visualization of abdominal fluid collection, evaluation of pericardial or pleural effusions and tamponade, immediate assessment of pelvic pain and abnormal uterine bleeding, rapid evaluation of acute abdominal pain (kidney, cholelithiasis), and easy emergency obstetric exams (IUP, fetal viability)

**Operator Familiarization:** CD-ROM is available.

### CLINICAL APPLICATIONS

Abdominal  
Vascular  
Breast  
Obstetrical  
Pediatric/Neonatal  
Intraoperative Procedures  
Interventional Procedures  
Cardiac  
Prostate  
Small Parts  
Gynecological  
Musculoskeletal

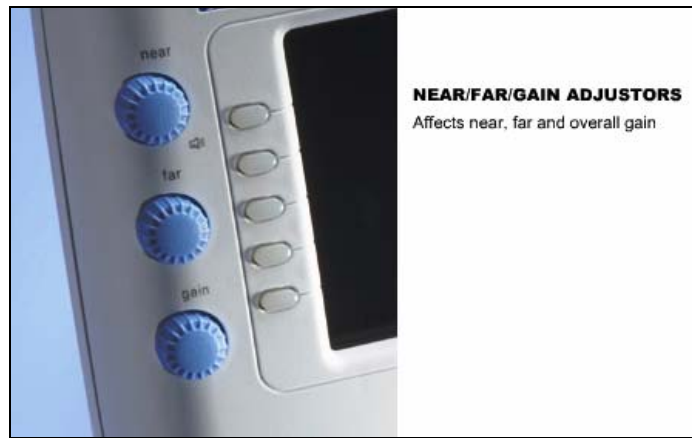


## ULTRASOUND PHYSICAL AND ENVIRONMENTAL SPECIFICATION

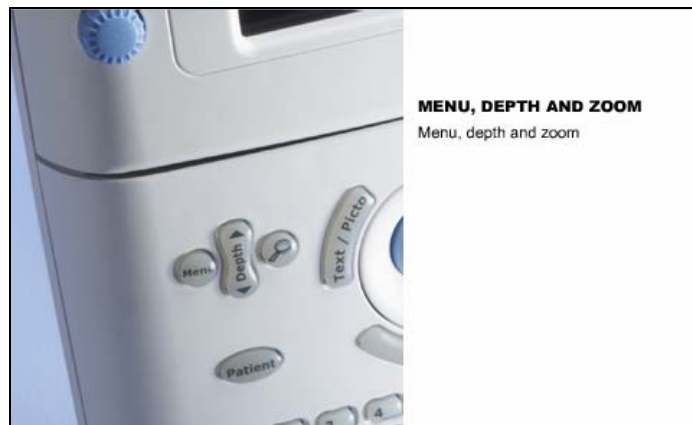
<b>Dimensions</b>	<b>Height</b>	<b>13.3 inches</b>	
	<b>Width</b>	<b>7.6 inches</b>	
	<b>Depth</b>	<b>2.5 inches</b>	
	<b>Cube</b>	<b>0.14cuft</b>	
<b>Weight</b>		<b>5.4 lbs</b>	
<b>Power Requirements</b>		<b>12 VDC or 120 VAC</b>	
<b>Battery Life</b>		<b>1.5hrs – 4.0hrs fully charged</b>	
<b>Battery characteristics</b>		<b>Lithium Ion</b>	



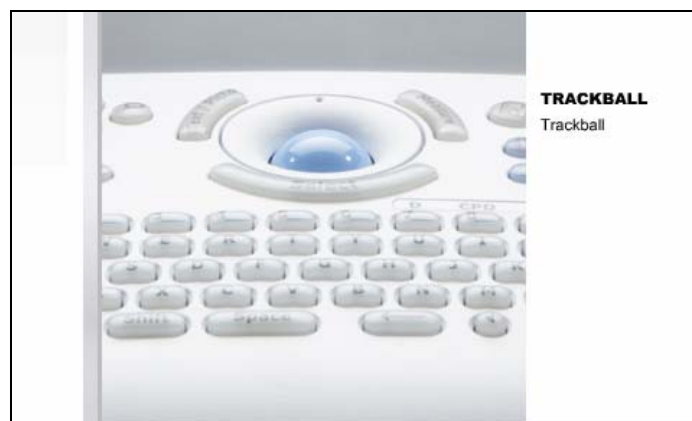
**MENU SELECT CONTROLS FIGURE 1**



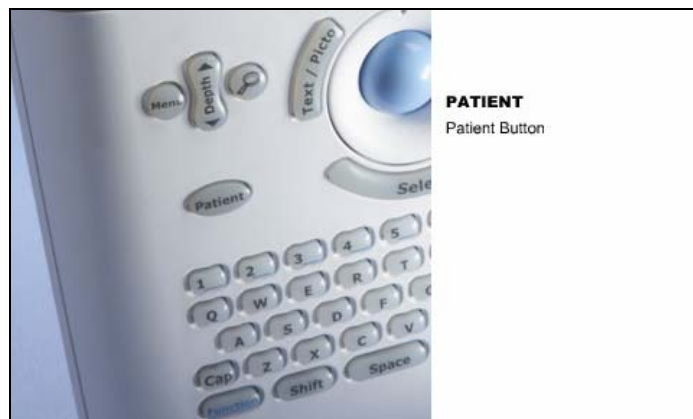
**NEAR/FAR/GAIN AJUSTORS FIGURE 2**



**MENU, DEPTH AND ZOOM FIGURE 3**



**TRACKBALL FIGURE 4**



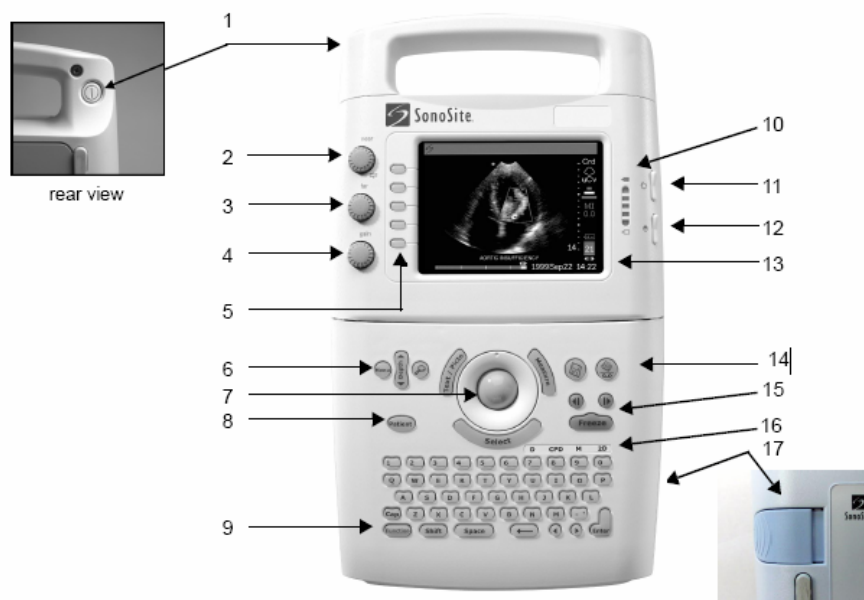
**PATIENT BUTTON FIGURE 5**



**ARROW AND FREEZE KEYS FIGURE 6**



**LCD CONTROLS FIGURE 7**



Number	Feature	Number	Feature
1	power switch, located on the rear of the system handle	10	battery charge indicators
2	near, affects gain of shallow echoes	11	LCD (liquid crystal display) brightness control
3	far, affects gain of deeper echoes	12	LCD contrast control
4	gain, affects overall gain	13	LCD
5	menu select controls	14	Print/VCR or Print key
6	Menu, Depth, and Zoom	15	Cine Arrow keys and Freeze key
7	trackball	16	mode controls
8	Patient	17	battery release
9	Function key		

## ULTRASOUND CONSUMABLES AND ACCESSORIES

### Package Order for FST and Vet Sets only

Hand-Carried Ultrasound Systems:		PART NO.	PRICE	QTY
<b>Transducers (C1 products):</b>	<b>NOTE:</b> Transducers on this price list have the current version software and the existing customer system may require an update to ensure transducer compatibility.			
<b>SonoSite 180 PLUS &amp; ELITE Fourth Generation (1.99)</b>	<u>Portable ultrasound system includes:</u> display module, 2D Grayscale, color power Doppler (CPD) and directional color power Doppler (DCPD) capability, M-mode, PC Direct connectivity capability (w/ SiteLink & PC Direct Serial Cable ordered separately). Also includes battery, universal AC power supply, external video and printer cables, ultrasound gel, and user guides.			
	<b>180PLUS</b> Does not support Continuous Wave (CW) Doppler.	L02464	\$8036.00	1
C15 e / 4–2, micro-curved array transducer	15–mm, broadband (4 - 2 MHz) micro-curved array for thoracic and abdominal applications. Provides 2D Grayscale, CPD or DCPD (depending on exam type), CW, PW, M-mode, and ERH. 5.5 ft (1.7m) cable and pinless connector. Not compatible with non-1.99 systems.	P02461	\$8610.00	1
C60 / 5–2, curved array transducer	60-mm, broadband (5 - 2 MHz) curved array for abdominal, obstetric, and gynecologic applications. Provides 2D Grayscale, CPD, DCPD, PW, M-mode, and THI. 5 ft (1.5 m) cable and pinless connector. Compatible with biopsy guide part number P01882. Some early first generation SonoSite systems (1.5X with ARM < 02.80.006.014) require system software upgrade module (no charge) to ensure compatibility. Contact SonoSite Customer Support prior to ordering for additional details.	P02115	\$4510.00	1
L38 / 10-5, linear array transducer	38-mm, broadband (10 - 5MHz) linear array for breast, small parts, vascular, and musculoskeletal applications. Provides 2D Grayscale, CPD, PW, and M-mode. 5.5 ft. (1.7 m) cable and pinless connector. Compatible with biopsy guide part number P01300. Not compatible with 1 <sup>st</sup> generation systems.	P04101	\$8610.00	1

ICT / 7–4, intracavitary array transducer	11-mm, broadband (7 - 4 MHz) intracavitary array for gynecologic, obstetric and urologic applications. Provides 2D Grayscale, CPD, PW, and M-mode. 5 ft (1.5m) cable and pinless connector. Compatible with biopsy guide part number P01869. Not compatible with 1 <sup>st</sup> generation systems.	P02450	\$4510.00	1
Battery – PLUS/ELITE	11.1 volt, 3.0 amp-hour rechargeable lithium-ion battery.	P00049	\$324	1
SiteCharge® dual battery charger	Desktop charger used to recharge two system batteries at a time. Recommended for heavy battery use environments.	L00552	\$492	
Sonosite Military Hard Case		P03808	\$656.00	

## 180 PLUS RESUPPLY CONSUMABLES

NSN	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515015046163	Latex Probe Cover	610-214	1	50/ PG	\$156.00	\$156.00	Civco Medical Instruments	N	N	2
6515012317249	Transmission Gel Ultrasound 0.25 liter	01-08	1	12s/PG	\$31.84	\$31.84	Parker Labs Inc.	N	N	2

### 3.5 x 20cm Latex Covers

These latex transducer covers are individually packaged with colored elastic bands in easy-to-open perforated bags. Conveniently packaged in a compact box, the covers offer an effective means to protect equipment, patients and professionals from the risks of cross-contamination.

REF. #	Product Description	Qty.
610-214	Sterile 3.5 x 20cm (1.4" x 7.9") latex cover	50
610-010	Non-sterile 3.5 x 20cm (1.4" x 7.9") latex cover	50



## 180 PLUS ACCESSORY START-UP

NSN	NOTES	Nomenclature	PN	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
	Included W/NSN	SONOSITE 180 PLUS	P02522	1	EA	\$8036.00	\$8036.00	SONOSITE	N	N	3
6525015023728	Included W/NSN	C15 e / 4-2, micro-curved array transducer	P02461	1	EA	\$8610.00	\$8610.00	SONOSITE	N	N	3
6525015023739	Included W/NSN	C60 / 5-2, curved array transducer	P02115	1	EA	\$4510.00	\$4510.00	SONOSITE	N	N	3
6525015036742	Included W/NSN	L38 / 10-5, linear array transducer	P04101	1	EA	\$8610.00	\$8610.00	SONOSITE	N	N	3
6525015023739	Included W/NSN	ICT / 7-4, intracavitary array transducer	P02450	1	EA	\$4510.00	\$4510.00	SONOSITE	N	N	3
6525014983603	Included W/NSN	Battery – PLUS/ELITE	P00049	2	EA	\$324.00	\$648.00	SONOSITE	N	N	3
6130014902678	Included W/NSN	SiteChargedual battery charger	L00552	1	EA	\$492.00	\$492.00	SONOSITE	N	N	3
6515015219530	Included W/NSN	Sonosite Military Hard Case	L03808	1	EA	\$820.00	\$820.00	SONOSITE	N	N	3
See Resupply	Included W/NSN	Transmission Gel Ultrasound0.25 liter	01-08	1	EA			Parker Labs Inc.	N	N	3
7610015436723	Included W/NSN	C1.99 PLUS and ELITE ultrasound system Service Manual	P02913	2	EA	\$28.70	\$57.40	SONOSITE	N	N	3
7610015437003	Included W/NSN	Sonosite Ultrasound System Users Guide	P02614	2	EA	\$28.70	\$57.40	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Sonosite Ultrasound System Quick Reference Guide	P02813	1	EA	\$20.50	\$20.50	SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Sonosite Ultrasound System User Guide Supplement	P05020	1	EA			SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Sonosite Imaging Accessory Manual		1	EA			SONOSITE	N	N	3
Not Sold Seperately	Included W/NSN	Medical Ultrasound Safety Manual	P00809	1	EA			SONOSITE	N	N	3
	Included W/NSN	Power Cord	P00848	2	EA	\$16.40	\$32.80	SONOSITE	N	N	3
6525015131550	Included W/NSN	Power Supply, 85-264 VAC, 50/60 Hz, 16VDC 45 Watts	L00538	2	EA	\$77.90	\$155.80	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Cable Printer, Control	P00537	1	EA	\$24.60	\$24.60	SONOSITE	N	N	3
NO NSN Required	Included W/NSN	Cable, RCA/BNC, Video	P00536	1	EA	\$28.70	\$28.70	SONOSITE	N	N	3
6515015084541	Included W/NSN	Cable, Serial, PC Direct	P02046	1	EA	\$82.00	\$82.00	SONOSITE	N	N	3



**SONOSITE, ULTRASOUND MODEL 180Plus  
WITH HARDENED CASE**

## **A full line of broadband transducers**

SonoSite manufactures a variety of high-quality broadband transducers. They are lightweight, ergonomically designed for optimal user comfort, rugged and feature rapid, pinless connectors.



## L38/10-5

### 38-mm broadband linear array

#### Clinical Applications

- Small parts imaging: thyroid, testicular, and musculoskeletal
- Breast
- Vascular



#### Ultrasound guided procedures:

Line placements, biopsies, drainage procedures

#### Imaging Modes:

2D, M-mode, Color Power Doppler, Pulsed Wave Doppler (option)

#### Physical Characteristics

Frequency: broadband 10-5 MHz

Maximum Depth: 7 cm

Maximum Field of View: 38 mm

Aperture: 38 mm

#### Biopsy guide:

for 14-23 gauge needles with depth range from 0.7-3.4 cm

## C15/4-2

### 15-mm broadband array transducer

#### Clinical Applications

- Adult cardiac
- General-purpose abdominal
- Trauma Assessment (F.A.S.T. exam)
- General Imaging: abdominal and thoracic



#### Imaging Modes:

2D, M-mode, Color Power Doppler, PowerMap Directional Color Power Doppler in cardiac settings, Pulsed Wave Doppler (option), Tissue Harmonic Imaging (option)

#### Physical Characteristics

Frequency: broadband 4-2 MHz

Maximum Depth: 24.6 cm

Maximum Field of View: 101°

## C60/5-2

60-mm broadband  
curved array

### Clinical Applications

- General-purpose abdominal
- Obstetric
- Gynecologic

### Imaging Modes:

2D, M-mode, Color Power Doppler, PowerMap Directional Color Power Doppler, Pulsed Wave Doppler (option), Tissue Harmonic Imaging (option)

### Physical Characteristics

Frequency: broadband 5-2 MHz

Maximum Depth: 22 cm

Maximum Field of View: 57°



## ICT/7-4

11-mm broadband  
intercavitary array

### Clinical Applications

- Gynecologic
- Obstetric
- Urologic

### Ultrasound Guided Procedures:

Tissue sample retrieval

### Imaging Modes:

2D, M-mode, Color Power Doppler, Pulsed Wave Doppler, Pulsed Wave Doppler (optional)

### Physical Characteristics

Frequency: broadband 7-4 MHz

Maximum Depth: 10.4 cm

Maximum Field of View: 135°

### Biopsy Guide:

for 16-18 gauge needles with depth range from 0.5-7.0 cm

